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I.D.O.T. STANDARD DRAWINGS

STANDARD NO.	TITLE OR DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C&D PATCHES
604001-03	FRAMES AND LIDS, TYPE 1
701501-05	URBAN LANE CLOSURE, 2-LANE, 2-WAY, UNDIVIDED
701801-04	LANE CLOSURE, MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS

LEGEND OF SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		MANHOLE
		INLET
		CATCH BASIN (RESTRICTED DEPTH)
		FIRE HYDRANT
		WATER MAIN VALVE VAULT
		POWER POLE
		STREET LIGHT
		RIM ELEVATION INVERT ELEVATION
	A	STRUCTURE TO BE ADJUSTED
	A*	STRUCTURE TO BE ADJUSTED (SPECIAL)
	1C	TYPE 1 FRAME & CLOSED LID
	1P	TYPE 1 FRAME & OPEN LID
	RC	STRUCTURE TO BE RECONSTRUCTED

STANDARDS

REFERENCES TO STANDARDS IN THE PLANS AND SPECIAL PROVISIONS SHALL BE THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AS SHOWN ON THE INDEX OF SHEETS. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2010, THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY 1996 FIFTH EDITION, THE DETAILS IN THE PLANS, AND THE SPECIAL PROVISIONS.

UNDERGROUND UTILITIES

BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 811 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE AND GAS FACILITIES (48 HOURS NOTIFICATION IS REQUIRED).

THE LOCATIONS OF THE UNDERGROUND UTILITIES, IF SHOWN ON THE PLANS, HAVE BEEN OBTAINED BY FIELD SURVEYS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT DATA IS ESSENTIALLY CORRECT, BUT THE VILLAGE OF WESTCHESTER, THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND/OR OTHER OFFICES AND AGENCIES ASSOCIATED WITH THE DEVELOPMENT OF THESE PLANS DO NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR WILL BE REQUIRED TO VERIFY THE LOCATION OF EACH FACILITY WITH THE UTILITY COMPANY, AND SHALL TAKE DUE CARE IN ALL PHASES OF THE CONSTRUCTION TO PROTECT SUCH FACILITIES THAT MAY BE AFFECTED BY THE WORK. ALL DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH ARTICLES 107.20 AND 107.31.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY OWNERS AND THE ENGINEER.

FRAMES AND LIDS

THE LOCATION AND TYPE OF FRAMES AND LIDS REQUIRED FOR ALL MANHOLES AND VALVE VAULTS LISTED IN THE SUMMARY OF QUANTITIES MAY BE FOUND ON THE PLANS. WHERE LIDS ARE CALLED FOR ON THE PLANS, THEY SHALL BE IN ACCORDANCE WITH ARTICLE 604.04 OF THE STANDARD SPECIFICATIONS AND THE TERM LID IS USED IN LIEU OF GRATE. ALL LIDS ON SANITARY MANHOLES, COMBINED SEWER MANHOLES, AND VALVE VAULTS SHALL BE OF THE SELF SEALING TYPE.

THE FRAMES AND LIDS OF EXISTING CATCH BASINS, INLETS, MANHOLES, AND VALVE VAULTS THAT ARE TO BE ABANDONED ARE TO REMAIN THE PROPERTY OF THE VILLAGE OF BROADVIEW OR THE VILLAGE OF WESTCHESTER DEPENDING ON THE LOCATION OF THE FRAME AND LID. THE CONTRACTOR IS TO DELIVER FRAMES AND LIDS TO THE VILLAGE OF BROADVIEW PUBLIC WORKS YARD LOCATED AT 2734 SOUTH 9th AVENUE OR TO THE VILLAGE OF WESTCHESTER PUBLIC WORKS YARD LOCATED AT 10300 ROOSEVELT ROAD. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF EACH BID ITEM.

MAINTENANCE OF SEWER FLOWS

THE CONTRACTOR SHALL CONDUCT HIS/HER OPERATIONS TO MAINTAIN FLOW AT ALL TIMES THROUGH EXISTING STORM AND SANITARY SEWER SYSTEMS. HE/SHE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER COLLECTED IN A SAFE MANNER WITHOUT DAMAGE OF ANY KIND TO ADJACENT PROPERTIES. THE ENDS OF EXISTING DRAINAGE LINES THAT ARE NOT TO BE INCORPORATED INTO THE PROJECT ARE TO BE SEALED AS SPECIFIED IN THE SPECIAL PROVISIONS. EXISTING STRUCTURES ARE TO BE INSPECTED BEFORE CONSTRUCTION STARTS - ACCUMULATION OF MATERIAL IN THE STRUCTURE DUE TO CONSTRUCTION OPERATIONS SHALL BE REMOVED BY THE CONTRACTOR AT HIS/HER EXPENSE.

NOTIFICATION OF RESIDENTS

THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING WRITTEN NOTICE TO ALL RESIDENCES AND/OR PLACES OF BUSINESS AT LEAST ONE (1) WORKING DAY PRIOR TO PERFORMING ALL CONSTRUCTION ACTIVITY THAT WILL ELIMINATE ACCESS TO THEIR PROPERTY. THE WRITTEN NOTICE SHALL BE APPROVED BY THE ENGINEER AND A COPY PROVIDED TO THE VILLAGE PRIOR TO THE BEGINNING OF CONSTRUCTION.

NOTIFICATION OF CONSTRUCTION

THE CONTRACTOR SHALL NOTIFY THE ENGINEER, VILLAGE OF WESTCHESTER, AND VILLAGE OF BROADVIEW IN WRITING AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

PUBLIC UTILITIES - THE CONTRACTOR SHALL NOTIFY ALL PUBLIC AND PRIVATE UTILITY COMPANIES HAVING FACILITIES WITHIN THE LIMITS OF WORK OF THE CONTRACT 48 HOURS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF EXISTING UTILITY INSTALLATIONS, DAMAGE DONE BY HIM/HER TO UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS, AND THE COSTS OF PROVIDING PRECAUTIONARY SUPPORTS, BRACES, ETC. TO AVOID DAMAGE TO UTILITY INSTALLATIONS IN ACCORDANCE WITH ARTICLES 107.31 AND 107.20. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY OWNERS FOR THE RELOCATION OF THEIR FACILITIES.

GENERAL NOTES

MAINTENANCE OF EXISTING DRAINAGE STRUCTURES

WHEN LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS AND DRAINAGE STRUCTURE OBSTRUCTING THE NATURAL FLOW OF WATER, THE LOOSE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE FACILITIES SHALL BE CLEAN AND FREE OF ALL OBSTRUCTIONS CAUSED BY CONSTRUCTION OPERATIONS.

SAW CUTTING

THE CONTRACTOR SHALL SAW CUT ASPHALT PAVEMENT AS INDICATED ON THE PLANS TO SEPARATE THE EXISTING PAVEMENT TO BE REMOVED BY APPROVED MEANS OR AN APPROVED CONCRETE SAW TO A DEPTH AS DIRECTED BY THE ENGINEER. SUITABLE GUIDELINES OR DEVICES SHALL BE USED TO ASSURE CUTTING A NEAT, STRAIGHT LINE AS SHOWN ON THE PLANS. CARE SHALL BE TAKEN BY THE CONTRACTOR NOT TO DAMAGE THE REMAINING PAVEMENT DIRECTLY ADJACENT TO THE PAVEMENT TO BE REMOVED. DAMAGE TO THE EXISTING PAVEMENT RESULTING FROM PAVEMENT REMOVAL OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE COST OF SAW CUTTING DESCRIBED ABOVE SHALL BE INCLUDED IN THE COST OF ITEM BEING REMOVED.

PRIME COAT

PRIME COAT MUST BE INSTALLED NO EARLIER THAN TWENTY-FOUR (24) HOURS PRIOR TO PLACEMENT OF HOT-MIX ASPHALT.

FIELD OFFICE

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR VILLAGE PROPERTY ROW WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

BARRICADES

THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED, ONE (1) WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL.

BUTT JOINTS

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER" DETAIL SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

PAVEMENT PATCHING

LOCATIONS OF PATCHES WILL BE DETERMINED IN FIELD BY ENGINEER AFTER MILLING OPERATIONS.

MAINTENANCE OF TRAFFIC

GARDNER ROAD WILL REMAIN OPEN TO THRU TRAFFIC DURING ALL OPERATIONS. FLAGGERS SHALL BE USED FOR THE INSTALLATION OF THE POLYMERIZED LEVELING BINDER, THE HOT-MIX ASPHALT SURFACE, AND THERMOPLASTIC STRIPING.

OPEN EXCAVATIONS

THE CONTRACTOR SHALL NOT BE ALLOWED TO LEAVE EXCAVATION NECESSARY FOR PAVEMENT PATCHES OR STRUCTURE ADJUSTMENTS OPEN OVERNIGHT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETELY BACKFILLING OR INSTALLING A PLATE OVER ALL EXCAVATIONS AT THE END OF EACH DAY IN ACCORDANCE WITH ARTICLE 107.09.

CONCRETE BREAKERS

WHEN REMOVING PAVEMENT AND/OR ANY OTHER STRUCTURES, THE USE OF ANY TYPE OF CONCRETE BREAKERS SUCH AS DROP HAMMERS, WHICH MIGHT DAMAGE UNDERGROUND PUBLIC OR PRIVATE UTILITIES, WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED.

FRAMES AND LIDS, TYPE 1

ALL COMBINED SEWER CLOSED LIDS SHALL BE SELF-SEALING WITH RECESSED PICK HOLES. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT, OR RECONSTRUCTION OF ANY MANHOLE OR VALVE VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS:

STRUCTURE TYPE	NEENAH FOUNDRY* FRAME AND LID	SELF SEALING	WORD CAST INTO LID
SANITARY MANHOLE	R-1713-B	YES	SANITARY
COMBINATION MANHOLE	R-1713-B	YES	SANITARY
STORM MANHOLE	R-1713-B	NO	STORM
VALVE VAULT	R-1713-B	YES	WATER
CATCH BASIN	R-2504-D	NO	-----
INLET	R-2504-D	NO	-----

* NOTE: OR ENGINEER APPROVED EQUAL.

PRECAST CONCRETE SECTIONS FOR STRUCTURES

ALL NEW STRUCTURES AND STRUCTURES TO BE RECONSTRUCTED SHALL BE BUILT WITH PRECAST REINFORCED CONCRETE SECTIONS FABRICATED IN ACCORDANCE WITH A.S.T.M. DESIGNATION C-478.

CONNECTION OF DISSIMILAR PIPE MATERIALS

FLEXIBLE CONNECTORS SHALL BE USED WHERE NEW SEWER PIPES ARE TO BE CONNECTED TO EXISTING SEWER PIPES. THE FLEXIBLE CONNECTORS SHALL CONSIST OF A SYNTHETIC RUBBER SLEEVE, WHICH WILL RESIST DETERIORATION CAUSED BY WASTES FOUND IN SEWERS AND TWO STAINLESS STEEL STRAPS. THE CONNECTORS SHALL BE "MISSION" COUPLINGS, "FERNCO" COUPLINGS, OR ENGINEER APPROVED EQUAL. ALL LABOR AND MATERIAL REQUIRED TO CONNECT NEW SEWER PIPE TO EXISTING SEWER PIPE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

FORMS FOR CONCRETE SIDEWALKS, DRIVEWAYS AND GUTTER FLAGS

A 2" x 6" BOARD WILL BE USED AS A FORM FOR ALL SIDEWALKS TO BE INSTALLED FIVE INCHES (5") IN THICKNESS. A 2" x 8" BOARD WILL BE USED AS A FORM FOR ALL SIDEWALKS AND DRIVEWAYS TO BE INSTALLED SEVEN INCHES (7") IN THICKNESS. ALL FORMS MUST BE OF A MINIMUM HEIGHT OF THE PROPOSED THICKNESS OF THE RESPECTIVE CONCRETE ITEMS TO BE INSTALLED.

AGGREGATE BEDDING FOR CONCRETE WORK

NEW SIDEWALK AND DRIVEWAY PAVEMENT SHALL BE PLACED ON A MINIMUM OF TWO INCHES (2") OF COMPACTED CA-6 STONE BEDDING. ADDITIONAL AGGREGATE REQUIRED TO ADJUST THE EXISTING ELEVATION OF THE SUBGRADE TO THE PROPOSED ELEVATION WILL BE INCLUDED AS PART OF THIS WORK.

SIDEWALK AND DRIVEWAY PAVEMENT REMOVAL

THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS WITH THE EXCEPTION THAT IT SHALL INCLUDE THE REMOVAL OF CONCRETE, BRICK, BLOCK, FLAGSTONE AND HOT-MIX ASPHALT SIDEWALKS AND DRIVEWAYS.

CURB AND GUTTER TRANSITIONS

TRANSITIONS FROM THE PROPOSED CURB AND GUTTERS TO THE DEPRESSED CURB AND GUTTERS AND PROPOSED CURB AND GUTTERS TO EXISTING CURB AND GUTTERS SHALL BE CONSTRUCTED AS DIRECTED BY THE ENGINEER.

LEVELING BINDER (MACHINE METHOD), N50

THIS ITEM SHALL BE APPLIED TO AREAS WHERE THE CROWN OF THE PAVEMENT NEEDS TO BE BUILT UP TO PROVIDE THE DESIRED CROSS SECTION. THE LEVELING BINDER SHALL BE PLACED PRIOR TO THE PLACEMENT OF THE POLYMERIZED LEVELING BINDER. THIS ITEM SHALL ALSO BE APPLIED TO CERTAIN BUTT-JOINT AREAS WHERE THE EXISTING BASE COURSE IS IRREGULAR AND THE ENGINEER INDICATES THAT IT IS DESIRABLE TO FILL IN DEPRESSIONS PRIOR TO PLACING THE BITUMINOUS CONCRETE SURFACE COURSE. THE LOCATION AND THICKNESS OF THE LEVELING BINDER SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. THE LEVELING BINDER SHALL BE PLACED IN ACCORDANCE WITH SECTION 406 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

CONNECTING EXISTING PIPES TO STRUCTURES

ANY PIPE, UP TO FOUR FEET (4') IN LENGTH PER EACH PIPE AND THE NECESSARY TRENCH BACKFILL, USED TO CONNECT EXISTING PIPES TO THE STRUCTURE TO BE RECONSTRUCTED OR TO THE NEW STRUCTURE SHALL BE INCLUDED IN THE COST OF THE STRUCTURE TO BE RECONSTRUCTED OR THE NEW STRUCTURE.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, I.D.O.T. STANDARD DRAWINGS,
LEGEND OF SYMBOLS, AND GENERAL NOTES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1005	09-00075-00-RS	COOK	11	2
CONTRACT NO. 63458				
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT M-9003(578)		

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

HANCOCK
ENGINEERING
Civil Engineers
Municipal Consultants
Established 1911

9913 Riverside Road
Waukegan, IL 60087-1700
Phone: 815-491-1700
Fax: 815-491-1710

USER NAME	DESIGNED	TG	REVISED
	DRAWN	TG	REVISED
	CHECKED	DT	REVISED
	DATE	03/26/10	REVISED